

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/001276

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60S1/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 830 823 A (VALEO SYSTEMES ESSUYAGE) 18 April 2003 (2003-04-18) cited in the application the whole document	1-10, 13, 14
A	EP 0 947 401 A (MITSUBA CORP) 6 October 1999 (1999-10-06) column 3, line 31 - line 51; figures 1-3 column 4, line 10 - line 31	1-5
A	CA 1 001 844 A (GREENHALGH WILLIAM) 21 December 1976 (1976-12-21) page 2, line 43 - line 44; figures	1-5
A	US 5 873 623 A (DUNTON ROY POWELL ET AL) 23 February 1999 (1999-02-23) column 2, line 13 - line 23; figures 1, 2	1-5
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

3 May 2005

Date of mailing of the international search report

20/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Sangiorgi, M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/001276

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 867 473 A (GIBSON FRANK M) 6 January 1959 (1959-01-06) column 2, line 57 - line 69; figures -----	1-5
A	US 2003/213089 A1 (REISS JUERGEN ET AL) 20 November 2003 (2003-11-20) page 2, paragraph 31 - page 4, paragraph 38; figures -----	1-5, 13, 14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/001276

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2830823	A	18-04-2003	FR 2830823 A1	18-04-2003
			BR 0213158 A	14-09-2004
			EP 1436179 A1	14-07-2004
			WO 03033316 A1	24-04-2003
			JP 2005505465 T	24-02-2005
			US 2004244137 A1	09-12-2004
EP 0947401	A	06-10-1999	JP 3329727 B2	30-09-2002
			JP 11278221 A	12-10-1999
			DE 69914243 D1	26-02-2004
			DE 69914243 T2	04-11-2004
			EP 0947401 A2	06-10-1999
			US 6196752 B1	06-03-2001
CA 1001844	A	21-12-1976	CA 1001844 A1	21-12-1976
US 5873623	A	23-02-1999	NONE	
US 2867473	A	06-01-1959	DE 1082508 B	25-05-1960
			GB 808249 A	28-01-1959
US 2003213089	A1	20-11-2003	DE 19645170 A1	07-05-1998
			CN 1206377 A ,C	27-01-1999
			WO 9819899 A1	14-05-1998
			DE 59709694 D1	08-05-2003
			EP 0869886 A1	14-10-1998
			ES 2196325 T3	16-12-2003
			JP 2000503280 T	21-03-2000
			US 6161248 A	19-12-2000